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**FACSIMILE COVER SHEET**

DATE: MAY 19, 2006

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 14

OUR REFERENCE: 232046 (219-06)

FROM: BRUCE M. GAGALA/MG  
REGISTRATION NO. 28,844

DIRECT LINE: (312) 616-5675

TO: MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

FACSIMILE NUMBER: 571/273-8300

IN RE APPLN. OF: BOYD ET AL.  
APPLICATION NO. 10/521,930  
FILED: APRIL 18, 2005  
FOR: CHONDROPSIN-CLASS ANTITUMOR V-ATPase INHIBITOR  
COMPOUNDS, COMPOSITIONS AND METHODS OF USE  
THEREOF

GROUP ART UNIT: 1625  
EXAMINER: RAHMANI, N.  
ATTORNEY DOCKET: 232046

**ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:**

- FORM PTO-1083 IN DUPLICATE (2 PGS.);
- REPLY TO OFFICE ACTION W/ CERTIFICATE OF TRANSMISSION (11 PGS.); AND
- FAX COVER SHEET.

A confirmation copy of the transmitted document will:  
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FORM PTO-1083

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MAY 19 2006

PATENT  
Attorney Docket No. 232046  
Client Reference No. E-191-2002/0-US-03  
Date: May 19, 2006In re Application of: Boyd et al.  
Application No. 10/521,930  
Filed: April 18, 2005  
For:CHONDROPSIN-CLASS ANTITUMOR V-ATPase INHIBITOR COMPOUNDS, COMPOSITIONS AND  
METHODS OF USE THEREOFMail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

						SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE				none		\$ 0.00		\$ 0.00	
subtract time extension fee previously paid				none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL		17	MINUS	22	= 0	x 25 =	\$	x 50 =	\$0.00
INDEPENDENT		2	MINUS	3	= 0	x 100 =	\$	x 200 =	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM					+ 180 =	\$	+ 360 =	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT						TOTAL	\$	TOTAL	\$0.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LEYDIG, VOIT &amp; MAYER, LTD.

By

  
 Bruce M. Gagala, Reg. No. 28,844

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Amendment or ROA Transmittal (Revised 5/9/05)

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FORM PTO-1083

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MAY 19 2006

PATENT

Attorney Docket No. 232046

Client Reference No. E-191-2002/0-US-03

Date: May 19, 2006

In re Application of: Boyd et al.

Application No. 10/521,930

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For: CHONDROPSIN-CLASS ANTITUMOR V-ATPase INHIBITOR COMPOUNDS, COMPOSITIONS AND METHODS OF USE THEREOF

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)			
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Respectfully submitted,

LEYDIG, VOIT &amp; MAYER, LTD.

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By

Bruce M. Gagala, Reg. No. 28,844

Amendment or ROA Transmittal (Revised 5/9/05)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/521,930

Applicant: Boyd et al.

Filed: April 18, 2005

TC/AU: 1625

Examiner: Rahmani, N.

Docket No.: 232046 (DHHS Reference No. E-191-2002/0-US-03)

Customer No.: 45733

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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## REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated February 21, 2006, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.			
Name (Print/Type)	Mirella Gallegos		
Signature	Mirella Gallegos	Date	May 19, 2006

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